



# DP CyberParallel Dual PCIe Installation Guide

## Introduction

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The *DP CyberParallel Dual PCIe* adds 2 high-speed parallel ports to PCI Express enabled systems and supports EPP/ECP and SPP (standard) parallel port modes.

## Features and Benefits

- PCI Express 1-lane (x1) I/O card works with PCI Express slots with different lane width
- Two parallel ports support ECP, EPP PS2 and SPP modes and works with various types of parallel devices
- Supports various types of Windows®- based application software

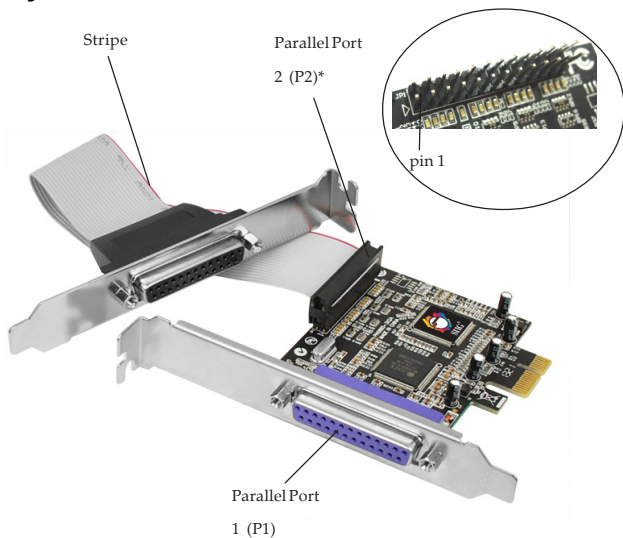
## System Requirements

- PCI Express enabled system with an available PCI Express slot
- Windows® 8 (32-/64-bit) / 7 (32-/64-bit) / Vista (32-/64-bit) / XP (32-/64-bit) / Server 2003 & 2008 (32-/64-bit) / Server 2008 R2 / 2000

## Package Contents

- *DP CyberParallel Dual PCIe* host card
- FP bracket DB25 ribbon cable (plugged on the board)
- LP bracket DB25 ribbon cable
- Spare low profile bracket for host card
- Driver CD
- Installation guide

# Layout



**Figure 1**

**\*Note:** When connecting the **DB25 ribbon cable** to **Parallel Port 2 (P2)**, position the ribbon cable so the stripe is on the side nearest to the slot bracket, see **Figure 1**.

## Hardware Installation

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**Note:** For low profile systems, replace the currently mounted bracket with the included low profile bracket.

General instructions for installing the card are provided below. Since the design of computer cases and motherboards vary, refer to your computer's reference manual for further information, if needed.

Static Electricity Discharge may permanently damage your system. Discharge any static electricity build up in your body by touching your computer case for a few seconds. Avoid any contact with internal parts and handle cards only by their external edges.

1. Turn OFF the power to your computer.
2. Unplug the power cord and remove the computer cover.
3. Remove the slot bracket from an available PCIe slot.

4. If you need the second parallel port, connect the **DB25 connector bracket** now and remove another slot bracket cover from an available PCIe slot. Skip this step if you need only one parallel port.
5. Carefully align the card to the selected PCIe slot, push the board down firmly, but gently, until it is well seated.
6. Replace the slot bracket holding screw to secure the card.
7. Mount the second parallel port and secure it with the slot bracket holding screw. Skip this step if you need only one parallel port.
8. Replace the computer cover and reconnect the power cord.

## Software Installation

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This section provides the steps on how to install the *DP CyberParallel Dual PCIe* drivers. Please make sure the board is installed before proceeding with the driver installation.

## **Windows 8 (32-/64-bit) / 7 (32-/64-bit) / Vista (32-/64-bit) / Server 2008 (32-/64-bit) / Server 2008 R2**

1. Insert the driver CD. Close the CD autoplay box if prompted.

2. Check in Device Manager.

*For Windows 8 / 7:* Right click **Computer**, click **Manage**, then click **Device Manager**.

*For Windows Vista:* Right click **Computer**, click **Manage**, click **Continue**, then click **Device Manager**.

*For Windows Server 2008 / 2008 R2:* Right click **Computer**, click **Manage**, double click **Diagnostics**, then click **Device Manager**.

Right click **Computer**, click **Manage**, click **Device Manager**.

3. Right click **PCI Parallel Port**, click **Update Driver Software**.
4. Click **Browse my computer for updated software**.

*For 32-bit:* Type **D:\32bit**, click **Next**. (Change **D:** to match your CD-ROM drive letter)

For 64-bit / 2008 R2: Type **D:\64bit**, click **Next**. (Change **D:** to match your CD-ROM drive letter)

5. At **Windows has successfully updated your driver software**, click **Close**.
6. Go back to Device Manager, right click **PCI Parallel Port**, then click **Update Driver Software**.
7. Repeat steps 4 & 5, then restart the computer to complete the installation.

## **Windows XP (32-/64-bit) / Server 2003 (32-/64-bit)**

1. Click **Cancel** at the Found New Hardware.
2. Insert the driver CD. Close the CD autoplay box if prompted.
3. Right click **My Computer**, click **Manage**, click **Device Manager**.
4. Click **Update Driver...**
5. Select **Install from a list or specific location (Advanced)**, then click **Next**.
6. Check **Include this location in the search**, uncheck the other box.

For 32-bit: Type **D:\32bit**, click **Next**.  
(Change **D:** to match your CD-ROM drive letter)

For 64-bit: Type **D:\64bit**, click **Next**.  
Change **D:** to match your CD-ROM drive letter)

7. At **Completing the Hardware Update Wizard**, click **Finish**.
8. Go back to Device Manager, right click **PCI Parallel Port**.
9. Repeat steps 4 - 7, then restart the computer to complete the installation.

## **Windows 2000**

1. Insert the driver CD. Close the CD autoplay box if prompted.
2. At the **Found New Hardware Wizard**, click **Next**.
3. Select **Search for a suitable driver for my device (recommended)**, then click **Next**.
4. Select **Specify the location**, uncheck the other boxes, then click **Next**.



5. Type **D:\32-bit**, click **OK**, then click **Next** (Change **D:** to match your CD-ROM drive letter)
6. At **Completing the Found New Hardware Wizard**, click **Finish**, then restart the computer to complete the installation.

## **To Verify Windows Installation**

1. Check in Device Manager to verify installation.  
*For Windows 8 / 7:* Right click **Computer**, click **Manage**, then click **Device Manager**.  
*For Windows Vista:* Right click **Computer**, click **Manage**, click **Continue**, then click **Device Manager**.  
*For Windows XP / Server 2003 / 2000:* Right click **My Computer**, click **Manage**, click **Device Manager**.  
*For Windows Server 2008 / 2008 R2:* Right click **Computer**, click **Manage**, double click **Diagnostics**, then click **Device Manager**.
2. Double click **Ports (COM & LPT)**, two **PCI ECP Parallel port...** should be displayed.

## Changing Parallel Port

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Some parallel port devices need a specific LPT in order to function properly. If your device works, do not make any changes.

1. For Windows 8 / 7 / XP / 2003 / 2000: Right click **Computer** or **My Computer**, click **Manage**, then click **Device Manager**.  
For Windows Vista: Right click **Computer**, click **Manage**, click **Continue**, then click **Device Manager**.  
For Server 2008 / 2008 R2: Right click **Computer**, click **Manage**, double click **Diagnostics**, then click **Device Manager**.
2. Double click **Ports (COM & LPT)**, then double click the **PCI ECP Parallel port** you want to change.
3. Click **Port Settings** tab.
4. Click the down arrow next to the **LPT Port Number** box, then select a parallel port that is not in use.
5. Click **OK** to save the changes.

# Technical Support and Warranty

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**QUESTIONS?** SIIG's **Online Support** has answers! Simply visit our web site at [www.siig.com](http://www.siig.com) and click **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analyst will promptly respond.

SIIG offers a 3-year manufacturer warranty with this product. This warranty covers the original purchaser and guarantees the product to be free of any defects in materials or workmanship for three (3) years from the date of purchase of the product.

SIIG will, at our discretion, repair or replace (with an identical product or product having similar features and functionality) the product if defective in materials or workmanship. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Please see our web site for more warranty details.

If you encounter any problems with this product, please follow the procedures below.

A) If it is within the store's return policy period, please return the product to the store where you purchased from.

B) If your purchase has passed the store's return policy period, please follow the steps below to have the product repaired or replaced.

**Step 1:** Submit your RMA request.

Go to [www.siig.com](http://www.siig.com), click **Support**, then **REQUEST A PRODUCT REPLACEMENT** to submit a request to [SIIG RMA](#) or fax a request to 510-657-5962. Your RMA request will be processed, if the product is determined to be defective, an RMA number will be issued.

**Step 2:** After obtaining an RMA number, ship the product.

- Properly pack the product for shipping. All accessories that came with the original package must be included.
- Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton.
- You are responsible for the cost of shipping to SIIG. Ship the product to the following address:

**SIIG, Inc.**

**6078 Stewart Avenue**

**Fremont, CA 94538-3152, USA**

**RMA #:** \_\_\_\_\_

- SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer.

## About SIIG, Inc.

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Founded in 1985, SIIG, Inc. is a leading manufacturer of IT connectivity solutions (including Serial ATA and Ultra ATA Controllers, FireWire, USB, and legacy I/O adapters) that bridge the connection between Desktop/ Notebook systems and external peripherals. SIIG continues to grow by adding A/V and Digital Signage connectivity solutions to our extensive portfolio.

SIIG products offer comprehensive user manuals, many user-friendly features, and are backed by an extensive manufacturer warranty. High quality control standards are evident by the overall ease of installation and compatibility of our products, as well as one of the lowest defective return rates in the industry. SIIG products can be found in computer retail stores, mail order catalogs, through major distributors, system integrators, and VARs in the Americas and the UK, and through e-commerce sites.

### **PRODUCT NAME**

DP CyberParallel Dual PCIe

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B  
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

### **FCC COMPLIANCE STATEMENT:**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### **THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE**

SIIG, Inc.

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